

## Patent Abstracts of Japan

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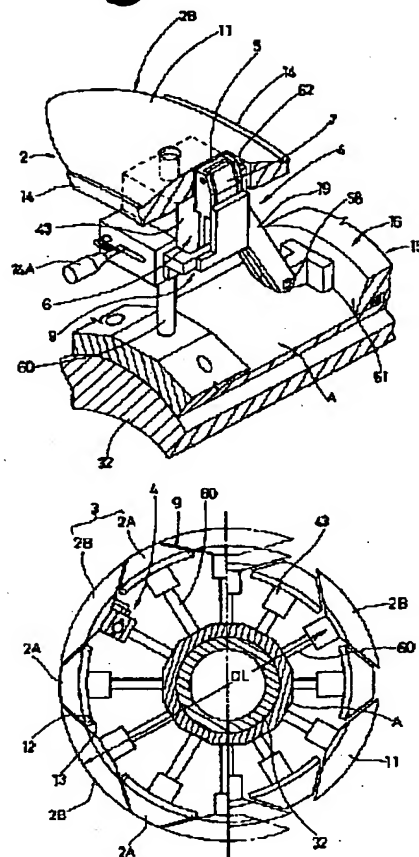
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TITLE : TIRE BAND WINDING DEVICE



**ABSTRACT :** PURPOSE: To mold a tread reinforcing band precisely and efficiently by a device wherein a clamp tool is provided on at least one split segment of a rotary drum consisting of a plurality of split segments having outer faces whose diameters can be enlarged and contracted, for holding a winding starting end of a band-like ply so as to wind the band-like ply spirally.

**CONSTITUTION:** A drum 3 is formed by a plurality of first and second split segments 2A and 2B which are attached to a rotary body A and move radially so as to expand and contract their outer peripheral faces. For example, a notch 62 is formed on one of the split segments 2B so as to house a clamp tool 4. At the clamp tool 4, a slide body 6 having a rising part 5 whose outer end extends to the neighborhood of the outer peripheral face of the split segment 2B is arranged movably in the circumferential direction. Between the clamp tool and the rising part 5, a holding piece 7 for holding a winding starting end of a band-like ply is attached to the slide body 6. Further, a release tool 9 is provided for releasing the holding of the band-like ply when the slide body 6 moves in the circumferential direction and in the direction of rotation of the drum 3.

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